发信人: 国际检索单位	·
收信人:	
100004	PCT
中国北京市朝阳区建外大街 22 号赛特广场 7 层	国际检索单位书面意见
30703	(PCT 细则 43 之二 .1)
北京集佳知识产权代理有限公司	
退长明	
No. C. A.	发文日(日/月/年)
	20 · 7月 2006 (2 0 · 0 7 · 2 0 0 6)
申请人或代理人的档案号	后续行为
OP06056 国际申请号 国际申请日(
	2006(07.04.2006) 26.4 月 2005(26.04.2005)
国际专利分类(IPC)或国家分类和 IPC 两种分类	
	/20 (2006.01) i
申请人	
华为技术有限公司 等	
1.本意见包括关于下列各项的内容:	
I 意见的基础 □ II 优先权	
□ II]性的意见
□ IV 缺乏发明的单一性	
	创造性或工业实用性的意见;支持这种意见的引证和解释
│ │ VI 引用的某些文件	
□ VII 国际申请中的某些缺陷	
□ VIII 对国际申请的某些意见	
2. 后续行为	示初步审查单位(IPEA)的一次书面意见(如果申请人选择的国
一 如果提出初步审查要求书,本代总允爷被代为国际 际初步审查单位非本单位,而且所选国际初步审查	至单位已按照细则 66. 1 之二(b) 通知国际局将不考虑国际检索
单位的书面意见时例外)。	
如本书面意见被视为国际初步审查单位的书面意见	D,则请申请人在自 PCT/ISA/220 发文之日起 3 个月或自优先 审查单位提交书面答复并提交修改(如适用),详情见
PCT/ISA/220 表格。	中国中世紀文 700日文月 紀入 1000年 1
3. 详细信息请见 PCT/ISA/220 表格的说明	
5. 开知语应用处 [01/158/220 农情的处势	
	Ţ.
中华人民共和国国家知识产权局	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(ISA/CN)	王春艳《花子》
中国北京市海淀区蓟门桥西土城路 6 号 100088	2006 (16.06.2006) 电话号码: (86-10)62084581
1424-21 (00-10)02017-21	1 1 1 1 1 (00 x0)08004301

PCT/ISA/237 表(扉页) (2005 年 4 月)

国际申请号

PCT/CN2006/000625

I.	意	见的基	础								
		1、关	于语言,制定	定书面意见基	善于:						
		\boxtimes	申请提出时	使用的语言。	,						
			该申请的	语言译文	,为了国际	际检索的目	的提供该	种语言的译	文(细则 12.	3(a)和 23	1(b))。
2、	关于	国际申	请中所公开的	的核苷酸和/	或氨基酸原	序列表和对	所称发明	的必要性, 该	杉面意见 是	在下列基	基础上制定
	É	ሶ :									
	a.	材料	的类型								:
			序列表								
	b.		与序列表相: 的形式	关的表格			-				
			纸件形式		•						
			电子形式				,	• •			
	(2. 提3	交/提供时间					•			
			包括于已提	交的国际申	请。					-	
			以电子形式	与国际申请-	一起提交。						
			为检索之用	随后提交本国	国际检索单位	立。					
							•				
								-			
						•					
	3、[7 另夕	卜,在提交/提	供了多个核节	計酸和/或	虱基酸序列	表和/或与	5其相关的表	经格的版本 写	划副本的 情	情况下,提
	- · . -		了关于后提3								
			(如适用) 的)								
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	4. 1	外充意!	见				•				
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1											

PCT/ISA/237 表(第I栏) (2005 年 4 月)

1	国际申请号
	PCT/CN2006/000625

٧.	按细则 43 之二. 1	关于新颖性、创造性或工业实用性的意见,支持这种意见的引证和解释	
1.	意见		
	新颖性(N)	权利要求 1-7	是
		权利要求	_ 否
	创造性(IS)	权利要求 1-7	是
	Bive IT(10)	权利要求	吞
,	工业实用性(IA)	权利要求 1-7	是
		权利要求	吞

2. 引证和解释

在国际检索报告中引用的对比文件代表了现有技术:

对比文件 D1: KR2005006694 A 对比文件 D2: KR2004086963 A 对比文件 D3: JP2004282429 A

对比文件 D1-D3 都没有完全公开权利要求 1 至 7 所述推送业务的方法,因此,权利要求 1 至 7 具备新颖性,符合专利合作条约第 33 条 (2)的规定。

对比文件 D1-D3 都没有直接给出对移动通信系统中的推送业务或对本领域技术人员给出相关提示或教导,因此,权利要求 1 至 7 具备创造性,符合专利合作条约第 33 条 (3) 的规定。

权利要求 1-7 所述技术方案在可以应用于移动通信网络中, 具备工业实用性, 符合专利合作条约第 33 条 (4) 的规定。

Translation

PATENT COOPERATION TREATY

TBRNATI Fo:	ONAL SEARC	HING AUTHORIT	<u> </u>		PCT	
LU, Changming					rci	
UNITALEN ATTORNEYS AT LAW 7th Floor, Scitech Place, No.22, Jian Guo Men Wai Ave., Chao Yang District Beijing 100004, P.R. China			LAW	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43 bis.1)		
			Men Wai Ave.,			
				Date of mailing 2006 (20 · 07 · 20 06)		
Applicant's	or agent's file	reference		FOR FURTHER AC	ETION	
	•	OP06056			see paragraph 2 below	
nternation	al application N	Jo.	International filing	date (day/month/year)	Priority date (day/month/year)	
	PCT/CN2006/0		07Apr.2006	(07.04.2006)	26Apr.2005(26.04.2005)	
nternation	al Patent Classi	ification (IPC) or bo	oth national classific	ation and IPC		
nternation	al I atchi Cidso			0 (2006.01) i		
Applicant	HUAWEI	TECHNOLOGIE	S CO., LTD. ET AL			
1 Thin	oninion contain	es indications relati	ng to the following i	tems:		
	-	Basis of the opinion				
×	Box No. I Box No.II	Priority				
	Box No. III	Non-establishmen	at of opinion with reg	gard to novelty, inventive	step and industrial applicability	
H	Box No. IV	Lack of unity of it	nvention			
⊠	Box No. V	Reasoned statemen	nt under Rule 43bis.	l(a)(i)with regard to nove	elty, inventive step or industrial applicability;	
		citations and expla	anations supporting	such statement		
	Box No.VI	Certain document	s cited			
	Box No. VII	Certain defects in	the international app	plication		
	Box No.VIII	Certain observation	ons on the internatio	nai application	•	
				•		
2. FURT	HER ACTION	· ·				
Intern Author writte	national Prelimi ority other than on opinions of the s opinion is, as	this one to be the II his International Second	DEA and the chosen arching Authority with annual considered to be a way are with a me	except that this does in the interpretation of the Intill not be so considered. Titten opinion of the IPI andments, before the expired.	e considered to be a written opinion of the not apply where the applicant chooses an ernational Bureau under Rule 66.1 bis(b) that CA, the applicant is invited to submit to the iration of 3 months from the date of mailing thickever expires later.	
of Fo	rm PCT/ISA/22	20 or before the exp	iration of 22 months	from the priority date, w	hichever expires later.	
For f	urther options,	see Form PCT/ISA/	220.			
				·		
3. For fu	rther details, se	e notes to Form PC	T/ISA/220.			
	·	0.0 1011001	Date of accordate	on of this opinion	Authorized officer	
The S	State Intellectual P thina 6 Xitucheng	ess of the ISA/CN roperty Office, the Rd., Jimen Bridge,	Date of complete	on of this opinion 1906(16.96.2006)	Wangchinyan 王 「下春	
Haidia	n District, Beiji	ng, China 100088			Telephone No. 86-10-62084581	
Facsimile No. 86-10-62019451 Telephone No. 86-10-62084581						

Form PCT/ISA/237(cover sheet)(April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000625

Box No.	I	Basis of the opin	ion				·			
. With	rega	ard to the langua	ge, this opi	nion has been	established	on the bas	is of:			
	a h	international appranslation of the nished for the pur	internation	al application	into		1 23.1(b)).	, which is	the language o	f a translation
2. With	n reg	ard to any nucleo n, this opinion ha	tide and/or s been esta	r amino acid blished on the	sequence d basis of :	isclosed in	the internation	nal application	and necessary	to the claimed
	type	of material	g		٠.			1		·
b.	′	mat of material on paper in electronic for							. •	
с.	tim	e of filing/furnish contained in the filed together w furnished subse	ing internation ith the inte	mational appl	ication in e	lectronic fo	orm.			
3. 🔲	£	ddition, in the canished, the requi	red statem	ents that the	information	n in the su	bsequent or	anginonar col	ACS IS IGOITION	to that in th
4. Ad	lditio	onal comments:	٠.	,						
						,				
			·						•	
			•				-			

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000625

INTERNATIONAL SEAR	RCHING AUTHORITY	PC 1/C142000/000023
ox No. V Reasoned statement under	Rule 43bis.1(a)(i) with regard to nove	elty, inventive step or industrial applicability;
citations and explanations	supporting such statement	
Statement:		
Novelty (N)	Claims 1-7	YES
10.000	Claims None	NO
•		
Inventive step (IS)	Claims 1-7	YES
Inventive step (15)		МО
	Claims None	
		YES
Industrial applicability (IA)	Claims 1-7	NO
	Claims None	110
. Citations and explanations		
Reference is made to the follow	ing documents:	•
D1: KR2005006694 A		
D2: KR2004086963 A	·	
TO TOO 04292420 A		·
D3: JP2004262427A	ernational Search Report represen	t the prior art.
2. Claim 1-7 meets the criteri individually or in combination, do realizing PUSH service.	es not teach or fairly suggest the	ecause the aforementioned prior art, consider claimed inventions comprising the method
3. The invention of claims 1- network, and thus meet the require	7 can find industrial applicability ments of PCT Article 33(4).	in the technical field of mobile communicat
	·	
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1		•
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		·

Translation

PATENT COOPERATION TREATY

rrom the NTBRN	ATIONAL SEARC	HING AUTHORITY	·		·	
To:					PCT	
LU, Changming UNITALEN ATTORNEYS AT LAW 7th Floor, Scitech Place, No.22, Jian Guo Men Wai Ave., Chao Yang District Beijing 100004, P.R. China				SEAR	TION OF THE INTERNATIONAL ACHING AUTHORITY PCT Rule 43 bis.1)	
	P.R. Chiua			Date of mailing	06 (2 0 - 0 7 - 20 0 6)	
Applica	ant's or agent's file	reference		FOR FURTHER AC	TION	
		OP06056			see paragraph 2 below	
Interna	tional application N	No.	International filing o	late (day/month/year)	Priority date (day/month/year)	
ļ	PCT/CN2006/0	000625	07Apr.2006	(07.04.2006)	26Apr.2005(26.04.2005)	
Interna	tional Patent Class	ification (IPC) or bot	h national classifica	tion and IPC		
				0 (2006.01) i	·	
Applic	ent					
		TECHNOLOGIES	CO., LTD. ET AL			
		- 1- 1i - si - a ralatin	a to the following it	ems.		
1	-	ns indications relatin		· .		
	 Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i)with regard to novelty, inventive step or industrial applicability; 					
	Box No. V	citations and explan	nations supporting s	uch statement	· · · •	
	☐ Box No.VI	Certain documents		11	•	
	Box No. VII Box No. VIII	Certain defects in t Certain observation	he international app ns on the internation	ncation al application		
2. FU	RTHER ACTION	ī	•			
Ir A	nternational Prelim authority other than rritten opinions of the	inary Examining A this one to be the IP his International Sea	EA and the chosen Ill rching Authority wil	PEA has notified the Intelligence of the IPE	e considered to be a written opinion of the ot apply where the applicant chooses an emational Bureau under Rule 66.1 bis(b) that A, the applicant is invited to submit to the ration of 3 months from the date of mailing	
				ndments, before the expi from the priority date, w		
F	or further options,	see Form PCT/ISA/2	220.		,	
3. Fo	or further details, see	e notes to Form PCT	/13/W & & U.			
				•		
<u> </u>		of the TOA (CN)	Date of completion	m of this opinion	Authorized officer	
Ha	te and mailing address The State Intellectual P P.R.China 6 Xitucheng tidian District, Beiji	roperty Office, the Rd., Jimen Bridge, ing, China 100088		006(16.06.2006)	Wangchinyan 上 FP 表 Telephone No. 86-10-62084581	
LUCS	Facsimile No. 86-10-62019451 Telephone No. 86-10-62084361					

Form PCT/ISA/237(cover sheet)(April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000625

ox No. I	Basis of the opinion	
With reg	gard to the language, this opinion has been established on the basis of:	
\Box	e international application in the language in which it was filed translation of the international application into	, which is the language of a translation
	•	
. With re	gard to any nucleotide and/or amino acid sequence disclosed in the international on, this opinion has been established on the basis of :	application and necessary to the claimed
a. tyj	pe of material	•
	a sequence listing table(s) related to the sequence listing	
b. fo	rmat of material	
	on paper in electronic form	
c. tii	ne of filing/furnishing	·
c.	ished the required statements that the information in the subsequent of add	for table relating thereto has been filed litional copies is identical to that in the first filed
fu ap	addition, in the case that more than one version of copy of a sequence mixing and mished, the required statements that the information in the subsequent or additional filed or does not go beyond the application as filed, as appropriate, we simply comments:	illionar cobies is inclined
fu ap	mished, the required statements that the information in the subsequent of acceptation as filed or does not go beyond the application as filed, as appropriate, we	illionar cobies is inclined
fu ar	mished, the required statements that the information in the subsequent of acceptation as filed or does not go beyond the application as filed, as appropriate, we	illionar cobies is inclined
fu ar	mished, the required statements that the information in the subsequent of acceptation as filed or does not go beyond the application as filed, as appropriate, we	illionar cobies is inclined
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fu ap	mished, the required statements that the information in the subsequent of acceptication as filed or does not go beyond the application as filed, as appropriate, we ional comments:	illionar cobies is inclined
fu ap	mished, the required statements that the information in the subsequent of acceptication as filed or does not go beyond the application as filed, as appropriate, we ional comments:	illionar cobies is inclined
fu ap	mished, the required statements that the information in the subsequent of acceptication as filed or does not go beyond the application as filed, as appropriate, we ional comments:	illionar cobies is inclined

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/CN2006/000625

	citations and explanations	supporting s	ich statement	
. Statemen	nt:			YES
No	velty (N)	Claims	1-7	
		Claims	None	NO
			,	YES
Inv	entive step (IS)	Claims	1-7	
		Claims	None	ИО
Indi	nstrial applicability (IA)	Claims	1-7	YES
mut	ioniai appireasiii) (22)	Claims	None	NO

Reference is made to the following

D1: KR2005006694 A

D2: KR2004086963 A

D3: JP2004282429 A

The documents cited in the International Search Report represent the prior art.

1. Claim 1 meets the criteria set out in PCT Article 33(2), because the aforementioned prior art does not disclose all the features of a method for realizing PUSH service in the manner claimed in claim 1.

The additional features of claims 2-7 are not known from document D1, D2 or D3. Therefore, the subject-matter of claims 2-7 appears novel, and meets the criteria set out in PCT Article 33(2).

- 2. Claim 1-7 meets the criteria set out in PCT Article 33(3), because the aforementioned prior art, considered individually or in combination, does not teach or fairly suggest the claimed inventions comprising the method for realizing PUSH service.
- 3. The invention of claims 1-7 can find industrial applicability in the technical field of mobile communication network, and thus meet the requirements of PCT Article 33(4).

Form PCT/ISA/237(Box No. V (April 2005)

发信人: 国际检索单位					
收信人:					
100004			PCT		
 中国北京市朝阳区建外大街 22 号赛	特广场 7 层	国际检索单位书面意见			
30703		国			
		(PCI 细则 43 之二 .1)			
北京集佳知识产权代理有限。	公司	•			
湿长明	1 0 1	发文日 (日/月/年)			
		2.0 · 7月 20	06 (2 0 • 0 7 • 2 0 0 6)		
申请人或代理人的档案号		后续行为			
OP06056		见下面第	2段		
国际申请号	际申请日 <i>(日/)</i>		优先权日 <i>(日/月/年)</i>		
PCT/CN2006/000625	07.4 月 2006	(07.04.2006)	26.4 月 2005(26.04.2005)		
国际专利分类(IPC)或国家分类和 IPC 两种分					
	H04Q 7/20 (2006.01) i			
申请人					
华为技术有限公司 等					

1.本意见包括关于下列各项的内容:					
I 意见的基础					
│ □ Ⅱ 优先权 │ □ Ⅲ 不作出关于新颖性、创造性	:和丁业实用件的	有實 见			
IV 缺乏发明的单一性	74737577171	1.00.70			
, — , , , , , , , , , , , , , , , , , ,	于新颖性、创造	性或工业实用性的意	5见,支持这种意见的引证和解释		
□ VI 引用的某些文件					
□ VIII 对国际申请的某些意见					
2. 后续行为 如果提出初步审查要求书,本次意见将	F被视为国际初步	b审查单位(IPEA)的	一次书面意见(如果申请人选择的国		
际初步审查单位非本单位,而且所选国际的发展	际初步审查单位	立已按照细则 66.1 え	之二(b)通知国际局将不考虑国际检索		
单位的书面意见时例外)。 如本书面意见被视为国际初步审查单位	2的书面意见,则	』请申请人在自 PCT/	/ISA/220 发文之日起 3 个月或自优先		
权日起 22 个月内(以后届满者为准)	向国际初步审查	单位提交书面答复数	并提交修改(如适用),详情见		
PCT/ISA/220 表格。			<u>.</u>		
3. 详细信息请见 PCT/ISA/220 表格的说明	明 .				
			•		
		1#0	平如 宁县		
中华人民共和国国家知识产权局	完成本意见的	コ 別	受权官员		
(ISA/CN)	16.06.月 200	06 (16.06.2006)	印意		
中国北京市海淀区蓟门桥西土城路 6 号 100088 传真号: (86-10)62019451		(电话号码: (86-10)62084581		

PCT/ISA/237 表(扉页) (2005 年 4 月)

国际申请号

PCT/CN2006/000625

I.	意见	的基础
	:	1、关于语言,制定书面意见基于:
		□ 申请提出时使用的语言。
		□ 该申请的语言译文,为了国际检索的目的提供该种语言的译文(细则 12.3(a)和 23.1(b))。
2、:	关于国	国际申请中所公开的核苷酸和/或氨基酸序列表和对所称发明的必要性,该书面意见是在下列基础上制定
	的	
	a.	材料的类型
		□ 序列表 · · · · · · · · · · · · · · · · · · ·
	b.	□ 与序列表相关的表格 材料的形式
		□ 纸件形式
٠		□ 电子形式
i	c.	提交/提供时间
		□ 包括于已提交的国际申请。
		□ 以电子形式与国际申请一起提交。
		□ 为检索之用随后提交本国际检索单位。
3	3、🗆	另外,在提交/提供了多个核苷酸和/或氨基酸序列表和/或与其相关的表格的版本或副本的情况下,提
		供了关于后提交的或附加的副本与已提交的国际申请中的序列表相同或未超出国际申请中序列表范围
		(如适用)的声明。
	4. 补	·充意见
1		•

PCT/ISA/237 表(第I栏) (2005 年 4 月)

国际申请号 PCT/CN2006/000625

٧.	按细则 43 之二.1	关于新颖性、创造性或工业实用性的意见;支持这种意见的引证和解释	
1.	意见		
	新颖性(N)	权利要求 1-7	是
		权利要求	杏
			m
l	创造性(IS)	权利要求 1-7	是
		权利要求	
ļ			
	工业实用性(IA)	权利要求 1-7	是
		权利要求	

2. 引证和解释

在国际检索报告中引用的对比文件代表了现有技术:

对比文件 D1: KR2005006694 A 对比文件 D2: KR2004086963 A 对比文件 D3: JP2004282429 A

对比文件 D1-D3 都没有完全公开权利要求 1 至 7 所述推送业务的方法,因此,权利要求 1 至 7 具备新颖性,符合专利合作条约第 33 条(2)的规定。

对比文件 D1-D3 都没有直接给出对移动通信系统中的推送业务或对本领域技术人员给出相关提示或教导,因此,权利要求 1 至 7 具备创造性 , 符合专利合作条约第 33 条 (3) 的规定。

权利要求 1-7 所述技术方案在可以应用于移动通信网络中,具备工业实用性,符合专利合作条约第 33 条(4)的规定。